





an Open Access Journal by MDPI

# **Microwave Applications in Chemistry and Materials Processing**

Guest Editors:

Prof. Dr. Junwu Tao

Prof. Dr. Kama Huang

Prof. Dr. Lionel Estel

Dr. Li Wu

Deadline for manuscript submissions:

closed (31 October 2022)

## **Message from the Guest Editors**

This Special Issue, "Microwave Applications in Chemistry and Material Processing", aims at showing the most recent advances in the following areas:

- Microwave irradiation in inorganic, inorganic, medicinal, and green chemistry;
- Microwave applications in plasma, ceramics, polymers, minerals, and food;
- Microwave processing of biomass and waste;
- Microwave applications in medical and biological sectors;
- Modeling of microwave power applications;
- Measurement of dielectric properties;
- Design and optimization of microwave processing equipment;
- Safety in microwave processing;
- Microwave-assisted preparation of new materials.











an Open Access Journal by MDPI

#### **Editor-in-Chief**

### Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

### **Message from the Editor-in-Chief**

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

#### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus,

SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous*))

#### **Contact Us**